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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known				
Application Number	10/603,878			
Filing Date	06-24-2003			
First Named Inventor	HINER ET AL.			
Group Art Unit	2841 3729			
Examiner Name	NOT ASSIGNED COT, Art			
Attorney Docket Number	112Y2O7O			

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Examiner Initials	Cite No. ¹	U.S. Pate Number	nt Document Kind Code ² (it known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CVA		6,660,5	559 ·	Huemoeller et al.	12-09-2003	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

10/603,878 Application Number 06-24-2003 Filing Date First Named Inventor HINER ET 729 Group Art Unit CN Arbes

Examiner Name

W2K2070 Attorney Docket Number

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Signature	J. William	manage with MPEP 609. Draw line through citation if not in conformance and

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! Unique citation designation number, ²See attached Kinds of U.S. Patent Documents, ³ Enter Office that issued the document, by the two-letter On the circum designation number. "See awardon rumus of U.S. regent Locuments." criter Duice that issued the document, by the two-left code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Con	nplete if Known
Application Number	10/603,878
Filing Date	06-24-2003
First Named Inventor	HINER ET AL.
Art Unit	2841 3729
Examiner Name	Unknown C. J. Arber
Attorney Docket Number	W2K2070

U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Name of Patentee or Publication Date **Document Number** Cite Examine Relevant Passages or Relevant MM-DD-YYYY Applicant of Cited Document Initials* Figures Appear Number-Kind Code^{2 (# kmc} ^{US-} 6,365,975 DiStefona et al. 04-02-2002 ^{US-} 6,239,485 05-29-2001 Peters et al. 06-27-2000 Hirano et al. US- 6,081,036 06-30-1998 US- 5,774,340 Chang et al. Wheeler ^{US-} 5,508,938 04-16-1996 Booth et al. 04-04-1995 US- 5,404,044 Perkins et al. US- 5,239,448 08-24-1993 US- 5,229,550 07-20-1993 Birdra et al. Chang et al. US- 5,191,174 03-02-1993 Lee et al. US- 5,072,075 12-10-1991 US- 5,021,047 06-04-1991 Movem US- 4,811,082 03-07-1989 Jacobs et al. 08-04-1987 Inone US- 4,685,033 Barbour et al. US- 4,322,778 03-30-1982 US- 6,204,453 03-2001 Fallon et al. 02-2002 US- 6.351,031 lijima et al. Keesler et al. US- 6,175,087 01-2001 Bhatt et al. ^{US-} 6,608,757 08-2003 US- 5,847,453 12-1998 Uematsu et al

		FOREIG	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	76
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Examiner C. T. Arbes Considered 5/13/05

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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 2

Complete if Known				
Application Number	10/603.878			
Filing Date	06-24-2003			
First Named Inventor	HINER ET AL.			
Art Unit	284+ 3729			
Examiner Name	Habraun C. J. Arbes			
Attomov Docket Number	W2K2O7O			

U. S. PATENT DOCUMENTS								
Exeminer Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (J known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁸ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶			
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Examiner Signature	C.g.arles	Date Considered S/V8/05

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